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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/073,967	02/14/2002	Kazuhiro Ogawa	501.41142X00	8753
20457 7.	590 01/11/2005		EXAMINER	
	I, TERRY, STOUT &	TON, MINH TOAN T		
1300 NORTH SEVENTEENTH STREET SUITE 1800 ARLINGTON, VA 22209-9889		ART UNIT	PAPER NUMBER	
			2871	

DATE MAILED: 01/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

		An/
	Application No.	Applicant(s)
	10/073,967	OGAWA ET AL.
Office Action Summary	Examiner	Art Unit
	Toan Ton	2871
The MAILING DATE of this communication a	ppears on the cover sheet w	vith the correspondence address
Period for Reply		AONTHO FROM
A SHORTENED STATUTORY PERIOD FOR REP THE MAILING DATE OF THIS COMMUNICATION  - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a re If NO period for reply is specified above, the maximum statutory perio  - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	I.  1.136(a). In no event, however, may a ply within the statutory minimum of th d will apply and will expire SIX (6) MC tte, cause the application to become A	reply be timely filed  irty (30) days will be considered timely.  NTHS from the mailing date of this communication.  BANDONED (35 U.S.C. § 133).
Status	•	
1) Responsive to communication(s) filed on page	pers filed .	
2a) This action is <b>FINAL</b> 2b) Th	is action is non-final.	
3) Since this application is in condition for allow	ance except for formal ma	tters, prosecution as to the merits is
closed in accordance with the practice under	Ex parte Quayle, 1935 C.	D. 11, 453 O.G. 213.
Disposition of Claims		
4) Claim(s) 1-14 is/are pending in the application	n.	
4a) Of the above claim(s) 1-3 and 5-14 is/are	withdrawn from considera	tion.
5)⊠ Claim(s) <u>4</u> is/are allowed.		
6) Claim(s) is/are rejected.		
7) Claim(s) is/are objected to.		
8) Claim(s) are subject to restriction and	or election requirement.	·
Application Papers		
9) The specification is objected to by the Examir	ner.	
10) The drawing(s) filed on is/are: a) ac		by the Examiner.
Applicant may not request that any objection to th	e drawing(s) be held in abeya	ince. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the corre	ection is required if the drawin	g(s) is objected to. See 37 CFR 1.121(d).
11) The oath or declaration is objected to by the B	Examiner. Note the attache	ed Office Action or form PTO-152.
Priority under 35 U.S.C. § 119		
12)⊠ Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C.	§ 119(a)-(d) or (f).
a)⊠ All b)□ Some * c)□ None of:		
1. Certified copies of the priority docume	nts have been received.	
2. Certified copies of the priority docume		Application No
3. Copies of the certified copies of the pri	iority documents have bee	n received in this National Stage
application from the International Bure	au (PCT Rule 17.2(a)).	
* See the attached detailed Office action for a lis	st of the certified copies no	t received.
Attachment(s)		
) X Notice of References Cited (PTO-892)  ) Notice of Draftsperson's Patent Drawing Review (PTO-948)		Summary (PTO-413) (s)/Mail Date
<ul> <li>(2) Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>(3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/0)</li> </ul>		Informal Patent Application (PTO-152)
Paper No(s)/Mail Date	6) 🔲 Other:	

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# Ex parte Quayle

1. This application is in condition for allowance except for the following formal matters: nonelected claims 1-3 and 5-14 with traverse need to be canceled..

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

# Allowable Subject Matter

2. Claim 4 is allowed.

The following is a statement of reasons for the indication of allowable subject matter: the prior art of record does not anticipate nor render obvious to one ordinary skilled in the art a liquid crystal display device comprising a combination of various elements as claimed, more specifically, a plurality of semiconductor devices of a film carrier type which are disposed to lie between the liquid crystal display panel and the printed circuit board, terminals of each of the plurality of semiconductor devices being respectively connected to terminals of the printed circuit board by an anisotropic conductive film, the anisotropic conductive film being formed separately for at least each one of the semiconductor devices (see at least Figure 6).

Terasaka ('638) and Hwang ('896) disclose a liquid crystal display device comprising a liquid crystal display panel, a printed circuit board, ICs (semiconductor devices), an anisotropic conductive film. However, neither discloses the particular combination of the followings: 'a plurality of semiconductor devices of a film carrier type which are disposed to lie between the

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liquid crystal display panel and the printed circuit board, terminals of each of the plurality of semiconductor devices being respectively connected to terminals of the printed circuit board by an anisotropic conductive film, the anisotropic conductive film being formed separately for at least each one of the semiconductor devices (see at least Figure 6).

#### Election/Restriction

3. An election of Group II directing to claim 4 is acknowledged. Group I directing to claims 1-3 is classified under 349/151, Group II directing to claim 4 is under 349/150, and claim 14 is classified under 349/152. These groups are patentably distinct from each other for at least reasons such as each falls under a different classification.

# **Contact Information**

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan Ton whose telephone number is (571) 272-2303.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

January 7, 2005

PRIMARY EXAMINER

Marte